

Patent
TH-0996 (US)

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Tammy Alexander
Tammy Alexander

Date *Oct. 26, 2006*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)
MAREK MATUSZ ET AL)
Serial No. 10/816,080)
Filed April 1, 2004)
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AND A CATALYST FOR USE IN)
THE PROCESS)

Group Art Unit: 1625

Examiner: Raymond Covington

October 26, 2006

MAIL STOP Amendment
COMMISSIONER FOR PATENTS
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.56 AND 1.97

It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Full text copies of the relevant documents, other than the U.S. patent documents, are enclosed. For a foreign language document, an English language translation is provided where it is readily available to Applicant's attorney. If no translation is available, an English language abstract, where available, is provided.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant.

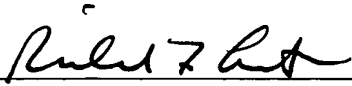
10/31/2006 SFELEKE1 00000045 191800 10816080

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Please charge the \$180.00 fee for the filing of this Supplemental Information Disclosure Statement to Shell Oil Company, Deposit Account No. 19-1800.

Respectfully submitted,

MAREK MATUSZ ET AL.

By 

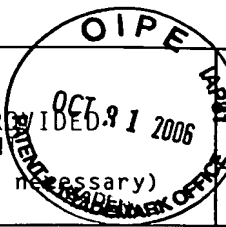
Attorney, Richard F. Lemuth

Registration No. 30,081

(713) 241-3716

P. O. Box 2463
Houston, Texas 77252-2463

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
TH-0996 (US)APPLICATION NUMBER
10/816.080LIST OF INFORMATION PROVIDED
BY APPLICANTAPPLICANT
Marek Matusz et al

(Use several sheets if necessary)

FILING DATE
April 1, 2004GROUP ART UNIT
1625

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

| Examiner Initial | | Document No. | Date | Patentee | Class | Subclass | Filing Date if Appropriate |
|------------------|----|--------------|-------|--------------------|-------|----------|----------------------------|
| | AA | US4822900 | 4/89 | Hayden | 549 | 534 | |
| | AB | US6372925 | 4/02 | Evans et al | 549 | 536 | |
| | AC | US5262551 | 11/93 | Horrell, Jr. et al | 549 | 534 | |
| | AD | US5102848 | 4/92 | Soo et al | 502 | 218 | |
| | AE | US4831162 | 5/89 | Nakajima et al | 549 | 534 | |
| | AF | US4908343 | 3/90 | Bhasin | 502 | 218 | |
| | AG | US5387751 | 2/95 | Hayden et al | 549 | 534 | |
| | AH | US5504053 | 4/96 | Chou et al | 502 | 348 | |
| | AI | US2279470 | 4/42 | Law et al | 260 | 348 | |
| | AJ | US3962285 | 6/76 | Cusumano | 260 | 348.5 R | |
| | AK | US4055579 | 10/77 | Cocuzza et al | 260 | 348.34 | |

FOREIGN PATENT DOCUMENTS

| | | Document No. | Date | Country | Class | Subclass | Translation Yes No | |
|--|----|--------------|-------|---------|-------|----------|-----------------------|--|
| | AL | EP003642 | 7/84 | EP | C07D | 301/10 | | |
| | AM | GB1213483 | 11/70 | GB | C07D | 1/14 | | |
| | AN | WO199858920 | 12/98 | WO | C07D | 301/10 | | |
| | AO | WO200196324 | 12/01 | WO | C07D | 301/00 | | |

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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| | AR | Serafin, JG. et al "Surface, Science & the Silver-Catalyzed" Journal of Molecular Catalysis A :Chemical, Vol. 131, 1998, pgs. 157-168, XP002230219, pg. 162. |
| | AS | "Ethylene Oxide Synthesis." by J. M. Berty, Applied Industrial Catalysis, Vol. 1, 1983, ppg. 207-239. |
| | AT | "Chlorierte Kohlenwasserstoffe also Inhibitoren in der Tethtylenoxid-Synthese Teil 2: Verbrauchsreaktionen von chemisorbiertem Chlor." by Thomas Reib and Gerhard Luft, Chem.-Ing.-Tech. 67 (1995), pp. 589-591. (English translation provided) |

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
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| FORM PTO-1449 (Modified) | ATTY. DOCKET NO. TH-0996 (US) | APPLICATION NUMBER 10/816.080 |
| LIST OF INFORMATION PROVIDED BY APPLICANT (Use several sheets if necessary) | APPLICANT Marek Matusz et al | |
| | FILING DATE April 1, 2004 | GROUP ART UNIT 1625 |

| REFERENCE DESIGNATION | | U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|----|-----------------------|-------|--------------------|-------|----------|----------------------------|
| Examiner Initial | | Document No. | Date | Patentee | Class | Subclass | Filing Date if Appropriate |
| | AA | US6011163 | 1/00 | Barnicki et al | 549 | 534 | |
| | AB | US4810689 | 3/89 | Hayden | 502 | 347 | |
| | AC | US5011807 | 4/91 | Hayden et al | 502 | 218 | |
| | AD | US5155242 | 10/92 | Shankar et al | 549 | 534 | |
| | AE | US5187140 | 2/93 | Thorsteinson et al | 502 | 348 | |
| | AF | US6717001 | 4/04 | Evans et al | 549 | 536 | |
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| | | Document No. | Date | Country | Class | Subclass | Translation Yes No |
| | AL | EP0480538 | 4/92 | EP | B01J | 23/89 | |
| | AM | GB1314613 | 4/73 | GB | C07D | 1/08 | |
| | AN | EP0357292 | 3/90 | EP | C07D | 301/10 | |
| | AO | CA488990 | 12/52 | CA | 260 | 372.7 | |

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| AR | Advanced Inorganic Chemistry A Comprehensive Text, F. Albert Cotton and Geoffrey Wilkenson, F.R.S., Interscience Pu. A Division of John Wiley & Sons, New York, London, Sydney (1966), p. 335. |
| AS | Brunauer, S., Emmett, P.Y. and Teller, E., J. Am. Chem. Soc., 60, 309-316 (1938). |
| AT | Reiss, Luft. Chenue Ingenieur Technik (1997), 69(ii), 1638-1641. (English translation provided) |

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| | AM | EP0299569 | 1/89 | EP | C07D | 301/10 | | |
| | AN | EP0352849 | 1/90 | EP | C07D | 301/10 | | |
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| | AO | WO199713579 | 4/97 | WO | B01J | 23/68 | | |

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| | AL | EP1458698 | 9/04 | EP | C07D | 301/10 | | |
| | AM | W01997/28142 | 8/97 | WO | C07D | 301/10 | | |
| | AN | W01997/10232 | 3/97 | WO | C07D | 301/10 | | |
| | AO | AU18818/70 | 2/27 | AU | C07D | | | |

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| | | | | | | | Yes | No |
| | AL | EP0393785 | 1/95 | EP | C07D | 301/10 | | |
| | AM | CA1286687 | 7/91 | CA | C07D | 301/10 | | |
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